Table 1 - Summary of Model Results

Hypothetical 30 ac Site

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB

Land use Scenario	*CN*	*Pre Development Hydrology*						*Post Development Hydrology*						*Stormwater Management*													
														Conventional				*1-yr, 24 Hour Detention*				*Energy Balance (Fairfax County PFM)*					
		Flow Rate (cfs)			*Runoff Volume (ac-ft)*			*Flow Rate (cfs)*			*Runoff Volume (ac-ft)*			*Flow Rate (cfs)*		*Storage Volume (ac-ft)*		*Flow Rate (cfs)*		*Storage Volume (ac-ft)*		*Flow Rate (cfs)*			*Storage Volume (ac-ft)*		
		1-yr	*2-yr*	*10-yr*	*1-yr*	*2-yr*	*10-yr*	*1-yr*	*2-yr*	*10-yr*	*1-yr*	*2-yr*	*10-yr*	*2-yr*	*10-yr*	*2-yr*	*10-yr*	*1-yr*	*2-yr*[1]	*1-yr*	*2-yr*[1]	*1-yr*[2]	*2-yr*	*10-yr*[3]	*1-yr*[2]	*2-yr*	*10-yr*[3]
Forested	60	4.6	6.8	35	0.79	1.0	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Low Density	70	-	-	-	-	-	-	17	21	60	1.7	2.1	5.5	6.8	35	0.64	1.5	1.7	1.8	0.76	0.97	2.8	3.3	35	0.63	0.83	1.7
Medium Density	80	-	-	-	-	-	-	40	46	101	3.0	3.5	7.7	6.8	35	1.6	3.1	3.0	3.2	1.5	1.8	1.9	2.0	35	1.7	2.1	3.4
High Density	90	-	-	-	-	-	-	78	87	158	4.9	5.4	10.2	6.8	35	2.8	4.9	4.9	5.6	2.6	2.9	1.2	1.3	35	3.6	4.1	5.5

[1] The 2-yr flow rate and associated storage volume determined by routing the 2-yr storm through the 1-yr, 24 hr outlet structure.

[2] The 1-yr flow rate and associated storage volume determined by routing of the 1-yr storm through the 2-yr Energy Balance outlet structure.

[3] The 10-yr flow rate and associated storage volume were developd by matching the peak forested flow rate.